Index of Claims

| App | lication | n/Control | No. |
|-----|----------|-----------|-----|

10/708,472

Examiner

Applicant(s)/Patent under Reexamination

D'AMATO ET AL.

Art Unit

1761

Reginald L. Alexander

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | im       | L.       | _        |          | D                  | ate      |                    |  |          |  | Cla  | im       |          |                | _   | Dat          | e               |          |         |  | CI        | aim        |          |          | _        | Ę        | Date     | -        |          |                    |           |
|-----------------|----------|----------|----------|----------|--------------------|----------|--------------------|--|----------|--|--|----------|----------|----------------|---|--------------|-----------------|----------|---------|--|-----------|------------|----------|----------|----------|----------|----------|----------|----------|--------------------|-----------|
| _               | 70       | 王        |          |          |                    |          |                    |  |          |  | _  | 교        |          | 1              |   |              |                 |          |         |  | _         | <u></u>    |          |          |          |          |          |          | 1        | 1                  |           |
| Final           | Original | 4        |          | 1        |                    |          |                    |  |          |  | Final  | Original |          |                |   |              |                 |          |         |  | Final     | Original   |          |          |          |          |          |          |          | - 1                |           |
| ፲               | Ģ~       | 5        | -        |          |                    |          |                    |  |          |  | 证  | Ö        |          |                |   |              |                 |          |         |  | 证         | 6          |          | l        |          |          |          |          |          |                    |           |
| $\vdash$        |          | 2        |          | -        | +                  | <u>.</u> | +                  | $\perp$  | _        |  |  |          |          | 4              | 4   | ļ.           | Н               |          | -       |  |           |            |          | Ш        |          |          |          |          | -        | $\dashv$           | _         |
|                 | 1        | V        | _        | -        | +                  |          | +-                 | +  |          |  | L  | 51       | $\dashv$ | +              | +   |              | Н               |          | ╄       |  |           | 101        |          |          |          |          |          |          | _        | $\dashv$           | _         |
|                 | 2        | 1        | $\Box$   | $\dashv$ | +                  | -        | +                  | +  |          |  |  | 52       | -        |                | -   | 1            | $\vdash$        | _        | _       |  |           | 102        |          | $\vdash$ | _        |          |          |          | _        | $\dashv$           | _         |
| $\vdash$        | 3        | Н        | -1       | $\dashv$ | +                  | -        | +                  | +  |          |  | <del>                                     </del> | 53       | $\dashv$ | +              | +   | ┿            | H               | _        | +-      |  |           | 103        | -        |          |          |          |          |          | -        | $\dashv$           | $\dashv$  |
|                 | 5        | Н        |          | $\dashv$ | +                  | +        | +                  | +  |          |  |  | 54<br>55 | $\dashv$ | +              | -   | -            | Н               | -        | +-      |  | <b></b> - | 104<br>105 | H        | $\vdash$ | $\dashv$ |          |          |          | $\dashv$ | -                  |           |
| $\vdash$        | 6        | Н        | -        | $\dashv$ | +                  | +        | +                  | +  | $\dashv$ |  |  | 56       | $\dashv$ | +              | +   | +            | $\vdash$        | +        |         |  |           | 105        | H        | $\vdash$ | -        |          |          |          | -+       | +                  |           |
| $\vdash$        | 7        | Н        |          | $\dashv$ | +                  | -        | +                  | +  |          |  | ┝╌┤  | 57       | $\vdash$ | +              | +   | +            | H               | +        | +-      |  | <b></b>   | 107        | Н        | $\vdash$ | _        |          | $\vdash$ |          | $\dashv$ | -+                 |           |
| $\vdash$        | 8        | Н        |          | +        | +                  | +        | ╁                  | +  | $\dashv$ |  | -  | 58       |          | +              | +   | +            | $\vdash$        | $\dashv$ | +-      |  |           | 108        | -        |          | $\dashv$ |          | $\vdash$ |          | $\dashv$ | +                  | -         |
| $\vdash$        | 9        | 1        |          | $\dashv$ | $\dashv$           | $\top$   | +                  | +  | $\dashv$ |  |  | 59       |          | +              | +   | +            | H               | +        | -       |  |           | 109        |          | -        | $\dashv$ |          | $\dashv$ |          | $\dashv$ | +                  | -         |
| Н               | 10       | 1        |          | _        | _                  |          | $\dagger$          | 1-1  | $\dashv$ |  |  | 60       |          |                | +   | +            | $\Box$          |          |         |  |           | 110        | Н        | $\vdash$ | $\dashv$ |          |          | _        | $\dashv$ | $\dashv$           | _         |
|                 | 11       | H        |          | $\dashv$ | $\top$             | $\top$   | $\dagger$          | $\Box$   |          |  |  | 61       | $\dashv$ | _              | +   | +            | H               | $\top$   | $\top$  |  |           | 111        |          | $\dashv$ |          |          |          |          | 1        | 十                  | -         |
| Н               | 12       | П        |          | $\dashv$ | $\dashv$           | +-       | +                  | +  | $\dashv$ |  |  | 62       | $\dashv$ | +              | $\top$  | T            | $\vdash$        | $\dashv$ | _       |  |           | 112        | Н        | $\vdash$ |          |          | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$           | $\dashv$  |
|                 | 13       | П        |          | $\dashv$ | $\top$             | $\top$   | 1                  | $\dagger \dagger$  | $\neg$   |  |  | 63       | $\dashv$ | _              | $\top$  | $\top$       | Н               | $\top$   |         |  |           | 113        | $\vdash$ | $\vdash$ | $\dashv$ |          |          |          | $\dashv$ | $\dashv$           | _         |
|                 | 14       | П        |          | $\dashv$ | 1                  | T        |                    | T  |          |  |  | 64       | $\Box$   |                | $\top$  | T            | H               | $\neg$   |         |  |           | 114        | П        | П        |          |          | _        |          | $\dashv$ | 十                  | $\exists$ |
|                 | 15       |          |          |          |                    |          | T                  |  |          |  |  | 65       |          |                | 1   | 1            | П               | $\neg$   | $\top$  |  |           | 115        | П        | П        | $\dashv$ |          |          |          | $\dashv$ | $\dashv$           | $\exists$ |
|                 | 16       |          |          |          |                    |          |                    | $\prod$  |          |  |  | 66       |          |                | T   | Ι            |                 |          |         |  |           | 116        |          |          |          |          |          |          | $\neg$   | 1                  |           |
|                 | 17       |          |          |          | I                  |          | I                  |  |          |  |  | 67       |          |                | $\perp$   | $oxed{oxed}$ |                 |          | $\Box$  |  |           | 117        |          |          | 1        |          |          |          |          | $\exists$          |           |
|                 | 18       |          |          |          |                    |          |                    |  |          |  |  | 68       |          |                |   |              |                 |          |         |  |           | 118        |          |          |          |          |          |          |          | $\exists$          |           |
|                 | 19       |          |          |          |                    |          |                    |  |          |  |  | 69       |          |                |   |              |                 |          |         |  |           | 119        |          |          |          |          |          |          |          | T                  | $\neg$    |
|                 | 20       |          |          |          |                    |          |                    |  |          |  |  | 70       |          |                |   |              |                 |          |         |  |           | 120        |          |          |          |          |          |          |          | $\Box$             |           |
|                 | 21       | Ш        |          |          |                    |          | $oldsymbol{\perp}$ |  |          |  |  | 71       |          |                |   |              |                 |          |         |  |           | 121        |          |          |          |          |          |          |          |                    | -         |
|                 | 22       |          |          |          |                    |          |                    | $\perp$  |          |  |  | 72       |          |                | $\perp$   |              | Ш               |          |         |  |           | 122        |          |          |          |          |          |          |          |                    |           |
|                 | 23       |          |          | _        |                    | $\perp$  | _                  | 1  | _        |  |  | 73       |          |                |   |              |                 |          |         |  |           | 123        | Ш        |          | $\Box$   |          | _        |          |          | $\sqcup$           | _         |
|                 | 24       | Щ        |          | _        |                    | _ _      | 4_                 | 4_4  |          |  |  | 74       |          |                |   |              |                 |          | $\perp$ |  |           | 124        | Щ        |          | _        |          | _        |          | _        | _                  |           |
|                 | 25       |          |          | _        | _                  | _        | 1                  | $\perp$  | _        |  |  | 75       |          | _ _            | _   |              | Щ               | $\perp$  | $\perp$ |  |           | 125        | Щ        |          | _        |          | _        | _        | _        | _                  | _         |
|                 | 26       |          | _        | _        | _                  | _        | -                  | $\sqcup$   | _        |  |  | 76       | $\Box$   | $\perp$        | $\bot$  | ╀            | $\sqcup$        |          |         |  |           | 126        | Ш        |          | _        |          | _        |          | _        | $\dashv$           | _         |
|                 | 27       | Н        | $\dashv$ | 4        | +                  | +        | ╀                  | +  |          |  |  | 77       |          | _              | _   | ┼            | $\vdash$        | _        | +       |  |           | 127        | Ш        |          | _        |          | _        | _        | _        | $\dashv$           |           |
| $\vdash$        | 28       | Н        |          |          | -                  |          | +-                 | +  | -        |  |  | 78       | -        | +              | +-  | ┼            |                 |          | $\perp$ |  |           | 128        |          |          |          |          |          | _        | 4        | $\dashv$           | _         |
| $\vdash$        | 29<br>30 | $\vdash$ |          | _        |                    |          | ╂—                 | ╁╌┨  | $\dashv$ |  | -  | 79<br>80 | $\dashv$ | +              | +-  |              | Н               | -        | +       |  |           | 129        |          |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           |           |
| $\vdash$        | 31       | $\vdash$ | $\dashv$ |          | -                  | +        | +                  | +  | $\dashv$ |  | -+   |          | -        |                | - -   | +            | $\vdash\vdash$  | +        | +-      |  |           | 130        |          |          |          |          | -        | $\dashv$ |          | -                  | -         |
| $\vdash$        | 32       | -        | $\dashv$ |          | -                  | +        | +                  | +  | $\dashv$ |  |  | 81<br>82 | $\dashv$ |                | -   | +            | $\vdash \vdash$ | +        | +-      |  |           | 131        | -        |          | -        | -        |          |          |          |                    | _         |
|                 | 33       | $\vdash$ |          | -        |                    | +        | +                  | +  | $\dashv$ |  | $\vdash$   | 83       | $\dashv$ | +              | +-  |              | $\vdash$        | +        | +       |  | -         | 132<br>133 |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  |           |
| <del></del>     | 34       | H        | -        |          | - -                |          | +                  | +  | $\dashv$ |  |  | 84       | $\dashv$ | +              | +   | +            |                 | +        | +       |  |           | 134        | $\vdash$ | -        | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           |           |
| <del></del>     | 35       | H        | $\dashv$ | +        | +                  | +        | +-                 | ╁┯   | $\dashv$ |  | $\vdash$   | 85       | +        | +              | +   | +            | $\vdash$        | +        | +       |  |           | 135        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  | $\dashv$  |
| $\Box$          | 36       | H        | $\neg$   | $\dashv$ | $\dashv$           | $\top$   | +                  | +  | $\dashv$ |  |  | 86       | $\dashv$ | +              | - -   | $\top$       | $\vdash$        | +        |         |  |           | 136        | $\vdash$ | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | +                  | ㅓ         |
| $\vdash \vdash$ | 37       | $\vdash$ | $\dashv$ | +        | $\dashv$           | +        | $\dagger$          | +  | $\dashv$ |  |  | 87       | $\dashv$ | +              | +   | +-           | $\forall$       | +        | +       |  |           | 137        | Н        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | +                  | $\dashv$  |
| H               | 38       | $\Box$   | _        | $\dashv$ | $\dashv$           | $\top$   | T                  | $\top$   | $\dashv$ |  |  | 88       | _        | $\dashv$       | $\top$  | 1            | H               | +        | +       |  |           | 138        | $\vdash$ |          | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$           | ᅱ         |
|                 | 39       |          |          | $\dashv$ | 1                  |          | 1                  | $\top$   | $\neg$   |  |  | 89       | $\dashv$ | $\top$         | 十   | T            | П               |          | 1       |  | -         | 139        | Н        | $\Box$   | $\neg$   | $\neg$   | $\neg$   | ᅱ        | 十        | $\dashv$           | ┪         |
|                 | 40       |          | $\neg$   | _        | $\dashv$           |          | 1                  | 1-1  |          |  |  | 90       | $\dashv$ | $\top$         | +   | $\top$       | $\Box$          | $\neg$   | $\top$  |  |           | 140        | Н        | $\dashv$ | $\dashv$ | $\neg$   | - 1      | $\neg$   | +        | $\dashv$           | $\dashv$  |
|                 | 41       |          | ᅥ        | $\dashv$ | 7                  |          | 1                  | $\top$   |          |  |  | 91       | 1        | 7              | $\top$  | 1            | П               | $\top$   |         |  |           | 141        |          |          | $\neg$   | $\dashv$ |          |          | $\dashv$ | $\dashv$           | $\neg$    |
|                 | 42       |          |          | $\neg$   |                    |          |                    |  |          |  |  | 92       | $\dashv$ | $\top$         | $\top$  | 1            | П               | 丅        | $\top$  |  |           | 142        |          | $\neg$   | $\neg$   |          |          |          | 一        | 寸                  | $\exists$ |
|                 | 43       |          |          |          |                    |          | L                  |  |          |  |  | 93       |          | ፗ              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |                 |          | $\Box$  |  |           | 143        |          |          |          |          |          |          |          | $\exists$          | ╗         |
|                 | 44       |          |          |          |                    |          |                    |  |          |  |  | 94       |          | floor          | $oldsymbol{oldsymbol{oldsymbol{\square}}}$        |              |                 |          |         |  |           | 144        |          |          | ┚        |          |          |          |          | J                  |           |
|                 | 45       |          |          | $\Box$   | $oldsymbol{\perp}$ |          |                    | $\Box$   |          |  |  | 95       |          |                | Τ   |              |                 |          |         |  |           | 145        |          |          |          |          |          |          |          | $\Box$             |           |
|                 | 46       |          |          | $\Box$   | $\bot$             | $\perp$  |                    | $oxed{\Box}$   | _]:      |  |  | 96       |          | $\perp \Gamma$ |   |              |                 |          |         |  |           | 146        |          |          |          |          |          |          |          | $\Box$             |           |
| $oxed{oxed}$    | 47       | Ш        | $\Box$   | [        |                    |          | L                  | Ш  | _        |  |  | 97       |          | $\perp$        | Ĺ   |              | Щ               |          |         |  |           | 147        |          |          |          | $\Box$   | $\Box$   | $\Box$   | $\Box$   | $oldsymbol{\perp}$ |           |
| $\sqcup \sqcup$ | 48       | Щ        |          | $\perp$  | _                  | 4        | 1_                 | $\perp \downarrow$   | _        |  |  | 98       | $\perp$  | $\perp$        | $\perp$   | ↓_           | Ц               | $\bot$   |         |  |           | 148        |          | $\Box$   | [        | $\Box$   | $\Box$   | ]        | [        | $\perp$            | _]        |
| $\sqcup \sqcup$ | 49       | $\Box$   |          | $\perp$  | $\perp$            | $\bot$   | $\bot$             | $\perp \perp$  | _        |  |  | 99       | $\perp$  |                | $\perp$   | _            | Щ               | $\bot$   | $\perp$ |  |           | 149        | Ш        |          |          | $\sqcup$ | [        | ]        | $\perp$  | $\perp \downarrow$ | _]        |
|                 | 50       |          |          | $\perp$  |                    |          | <u> </u>           | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | ]::      |  |  | 100      |          |                | 1   |              |                 |          | L       |  |           | 150        |          |          |          |          |          |          |          |                    | ı         |